

## WEST Search History

DATE: Saturday, June 14, 2003

**Set Name Query**  
side by side

**Hit Count Set Name**  
result set

*DB=PGPB; PLUR=YES; OP=ADJ*

L6 saccharothrix and (polylactic or polylactide)

0 L6

*DB=USPT; PLUR=YES; OP=ADJ*

L5 saccharothrix and (polylactic or polylactide)

4 L5

*DB=JPAB; PLUR=YES; OP=ADJ*

L4 saccharothrix and (polylactic or polylactide)

1 L4

*DB=EPAB; PLUR=YES; OP=ADJ*

L3 saccharothrix and (polylactic or polylactide)

1 L3

*DB=DWPI; PLUR=YES; OP=ADJ*

L2 saccharothrix and (polylactic or polylactide)

0 L2

L1 saccharothrix same (polylactic or polylactide)

0 L1

END OF SEARCH HISTORY

AB To examine more fully the enzymic capabilities of thermophilic actinomycetes, API ZYM strips were used to assay 19 different enzymes. Culture supernatant fractions obtained from 13 isolates of *Thermoactinomyces candidus*, 10 isolates *T. vulgaris*, 2 isolates of *T. sacchari*, 7 isolates of *Micropolyspora faeni* 4 isolates of *Saccharomonospora viridis*, and 4 isolates of *Thermomonospora fusca* were assayed. Whole cells from selected isolates were also assayed. Alk. and acid phosphatase, C4 esterase, and C8 esterase-lipase activities were demonstrated for both whole cells and supernatant of *T. candidus*. *M. faeni* Whole cells and supernatant contained alk. and acid phosphatase, phosphoamidase, C4 and C8 esterase-lipase, and leucine and cystine aminopeptidase activities. Whole cells of *T. vulgaris* displayed C4 esterase, leucine aminopeptidase, chymotrypsin, and  $\alpha$ -glucosidase activities, whereas supernatant contained only phosphoamidase and  $\alpha$ -glucosidase activity. Culture supernatants fractions of *T. sacchari* showed alk. phosphatase and C4 and C8 esterase-lipase activities. *T. fusca* Supernatant fractions contained C4 and C8 esterase-lipase activities, leucine aminopeptidase,  $\beta$ -galactosidase, and  $\alpha$ -glucosidase activities. *S. viridis* Had alk. phosphatase, C4 and C8 esterase-lipase, C14 lipase, leucine aminopeptidase,  $\alpha$ -glucosidase, and N-acetyl- $\beta$ -glucosaminidase activities. The differences in enzymic profiles for these actinomycetes allowed clear differentiation among genera and species.

ACCESSION NUMBER: 1983:140172 CAPLUS

DOCUMENT NUMBER: 98:140172

TITLE: Enzymatic profiles of selected thermophilic actinomycetes

AUTHOR(S): Hollick, Gary E.

CORPORATE SOURCE: Sch. Med. Dent., Univ. Rochester, Rochester, NY, 14642, USA

SOURCE: Microbios (1982), 35(141-142), 187-96

CODEN: MCBIA7; ISSN: 0026-2633

DOCUMENT TYPE: Journal

LANGUAGE: English

Vera Afremova

CM1 11E13

308-9351

*Am*  
*Armer*

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9502064	A1	19950119	WO 1994-EP2030	19940621
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2166105	AA	19950119	CA 1994-2166105	19940621
AU 9470722	A1	19950206	AU 1994-70722	19940621
AU 683668	B2	19971120		
EP 707657	A1	19960424	EP 1994-919652	19940621
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CN 1126493	A	19960710	CN 1994-192658	19940621
JP 08512204	T2	19961224	JP 1994-503786	19940621
ZA 9404761	A	19950320	ZA 1994-4761	19940701
US 5726049	A	19980310	US 1996-578587	19960215
PRIORITY-APPLN. INFO.:			GB 1993-13796	19930703
			WO 1994-EP2030	19940621

=> d kwic

L25 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS

AB . . . disclosed for the prodn. of monic acids which comprises contacting a corresponding pseudomonic acid or an ester thereof with a hydrolase enzyme from a suitable microorganism, in particular *Streptomyces* sp.

ST monic acid prodn pseudomonate hydrolase bacteria; *Streptomyces* hydrolase monic acid prodn pseudomonate

~~IT~~ *Kibdelosporangium*

*Kitasatosporia*

*Streptomyces*

*Streptomyces lividans*

(prepn. of monic acids from pseudomonic acids using microbial hydrolases)

IT 9027-41-2, Hydrolase

RL: CAT (Catalyst use); USES (Uses)

(prepn. of monic acids from pseudomonic acids using microbial hydrolases)

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AB A pharmaceutical compn. is provided contg. <sup>31</sup> antibiotic of the bleomycin family and <sup>31</sup> proteins for inactivating the bleomycin(s) to reduce the side effects caused by the bleomycin(s) in some organs. The bleomycin inactivating proteins include e.g. bleomycin hydrolases, bleomycin transferases, and bleomycin-binding proteins; they may be administered before, during, or after administration of the bleomycin(s). Recombinant prodn. of bleomycin-binding protein Sh, using plasmid pUT751 and Tolypocladium geodes cells, is described, as is purifn. of the protein.. In animals treated with phleomycin D1 (as a copper complex) and also treated with protein Sh via aerosol, there was less incidence of pulmonary fibrosis than in animals treated with the phleomycin compn. alone.

ACCESSION NUMBER: 1992:557636 CAPLUS

DOCUMENT NUMBER: 117:157636

TITLE: Pharmaceutical composition containing one or more bleomycins, and one or more proteins inactivating said bleomycins, for reduction of bleomycin side effects

INVENTOR(S): Durand, Henri Paul

PATENT ASSIGNEE(S): CAYLA, Fr.

SOURCE: PCT Int. Appl., 30 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9202230	A1	19920220	WO 1991-FR623	19910726
W: CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
FR 2665363	A1	19920207	FR 1990-9753	19900731
FR 2665363	B1	19921204		
PRIORITY APPLN. INFO.:			FR 1990-9753	19900731

=> d kwic 2

L23 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS

IT Streptoalloteichus hindustanus  
(protein Sh of, for pharmaceutical for bleomycin side effect redn.)

IT 130810-66-1P, Protein (Streptoalloteichus hindustanus strain  
ATCC 31158 gene ble)

RL: PREP (Preparation)

(amino acid sequence of and recombinant prodn. of, for pharmaceutical  
for bleomycin side effect redn.)

IT 53096-17-6, Bleomycin hydrolase 143638-17-9

RL: BIOL (Biological study)

(pharmaceutical of bleomycin and, for redn. of bleomycin side effects)

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CM1 11E13  
308-9351

(FILE 'HOME' ENTERED AT 14:57:47 ON 14 JUN 2003)

FILE 'CAPLUS' ENTERED AT 14:58:07 ON 14 JUN 2003

L1 2 S SACCHAROTHRIX AND (POLYLACTIC OR POLYLACTIDE OR POLY-LACTIC O

FILE 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,  
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,  
CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB,  
DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED AT  
14:59:12 ON 14 JUN 2003

L2 2 S SACCHAROTHRIX (P) (POLYLACTIC OR POLYLACTIDE OR POLY-LACTIC O

L1 7620 S PRONASE  
 L2 75 S STREPTOALLOTEICHUS  
 L3 0 S L1 AND L2  
 L4 3199 S PROTEINASE K  
 L5 2 S L4 AND L2  
 L6 1584 S BROMELAIN  
 L7 0 S L6 AND L2  
 L8 63498 S TRYPSIN  
 L9 0 S L8 AND L2  
 L10 1117 S FICIN  
 L11 0 S L10 AND L2  
 L12 28222 S ESTERASE  
 L13 1 S L12 AND L2  
 L14 45 S KIBDELOSPORANGIUM  
 L15 0 S L14 AND L1  
 L16 2 S L14 AND L4  
 L17 0 S L14 AND L6  
 L18 0 S L14 AND L8  
 L19 0 S L14 AND L10  
 L20 0 S L14 AND L12  
 L21 9 S LENTZEA  
 L22 16926 S HYDROLASE  
 L23 2 S L22 AND L2  
 L24 5 S L2 AND L14  
 L25 1 S L22 AND L14  
 L26 0 S L22 AND L21  
 L27 2 S L21 AND (L1 OR L4 OR L6 OR L8 OR L10 OR L12 OR L22)  
 L28 6 S ACTINOKINEOSPORA  
 L29 1584 S L6 AND (L1 OR L4 OR L6 OR L8 OR L10 OR L12 OR L22)  
 L30 0 S L28 AND (L1 OR L4 OR L6 OR L8 OR L10 OR L12 OR L22)  
 L31 6 S SACCHAROMONOSPORA AND (L1 OR L4 OR L6 OR L8 OR L10 OR L12 OR  
 L32 0 S ACTINOPOLYSPORA AND (L1 OR L4 OR L6 OR L8 OR L10 OR L12 OR L2  
 L33 115 S SACCHAROTHRIX  
 L34 4 S L33 AND (L1 OR L4 OR L6 OR L8 OR L10 OR L12 OR L22)  
 L35 6707 S ACTINOMYCETE OR ACTINOMYCETES  
 L36 120 S L35 AND (L1 OR L4 OR L6 OR L8 OR L10 OR L12 OR L22)  
 L37 8 S L1 AND L35  
 L38 4 S L35 AND L4  
 L39 51 S L35 AND L8

L1 5 S LENTZEA  
L2 9 S ACTINOKINEOSPORA  
L3 484 S POLYLACTIC  
L4 0 S L3 AND L1  
L5 0 S L3 AND L2  
L6 28264 S ACTINOMYCETES  
L7 1 S L6 AND L3

FILE 'CAPLUS' ENTERED AT 16:56:45 ON 21 FEB 2003

L8 2791 S POLYLACTIC  
L9 5489 S ACTINOMYCETES  
L10 3 S L9 AND L8  
L11 2572 S ACTINOMYCETE  
L12 1 S L11 AND L8

FILE 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,  
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,  
CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB,  
DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED AT  
16:59:34 ON 21 FEB 2003

L13 19319 S POLYLACTIC  
L14 100091 S ACTINOMYCETES  
L15 41 S L13 AND L14  
L16 37 DUPLICATE REMOVE L15 (4 DUPLICATES REMOVED)